



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application

Inventor: Richard M. Ehrlich
Appl. No.: 10/620,661
Confirm. No.: 9576
Filed: July 16, 2003
Title: METHODS FOR SEARCHING FOR SAM
PATTERNS AT MULTIPLE NOMINAL
FREQUENCIES

PATENT APPLICATION

Art Unit: 2651
Examiner: Faber, Alan

Atty. Docket No. PANA-01046USF
(PANAP-01046USF)

Customer No. 23910

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8

I hereby certify that this correspondence is being deposited in the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, Washington, DC 20231, on the date shown below.



Mathew Ott _____
Signature Date: 9/16/05

(Signature)

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.56

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

It is requested that the information identified in this statement be considered by the Examiner and made of record in the above-identified application. This statement is not intended to represent that a search has been made or that the information cited in the statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56. If this is a continuation, divisional or continuation-in-part application, it is understood that the Examiner will consider all information which was considered by the Office in a parent application. MPEP §609. Such information therefore is not listed herein unless it is desired that the information be printed on a patent issuing from the subject application.

Enclosed with this statement are the following:

- Form PTO-1449. The Examiner is requested to initial the form and return it to the undersigned in accordance with M.P.E.P. §609.
- Copies of cited U.S. patents and publications are not enclosed. However, copies of cited foreign patent documents and non-patent literature are enclosed in accordance with 37 CFR 1.98(a)(2), as required, except for those items designated by an asterisk (*), which were previously submitted by the applicant in a parent application, from which benefit under 35 U.S.C. §120 is claimed, with an *Information Disclosure Statement* submitted in the parent application which complies with the September 8, 2000 or subsequent revision of 37 C.F.R. §1.98(a-c), as allowed under 37 C.F.R. §1.98(d)(1).
- PTA Statement under 37 C.F.R. §1.704(d).*** Each item of information contained in the *Information Disclosure Statement* was cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in §1.56(c) more than thirty days prior to the filing of the *Information Disclosure Statement*.

09/21/2005 MWOLGE1 0000003 10620661

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180.00 OP

This statement should be considered because:

37 C.F.R. §1.97(c). Although it may not qualify under subsection (b), this statement qualifies under 37 C.F.R. §1.97, subsection (c) because:

(1) It is being filed before the mailing date of a FINAL Office Action, a Notice of Allowance, or an action that otherwise closes prosecution in the subject application, whichever occurs first.

-- AND (*check at least one of the following*) --

(1) It is accompanied by a STATEMENT as set forth in 37 C.F.R. §1.97(e).
-- OR --
 (2) It is accompanied by the \$180 fee set forth in 37 C.F.R. §1.17(p).

Fee Authorization. The Commissioner is hereby authorized to charge any deficiencies or credit any overpayment to Deposit Account No. 06-1325. A duplicate copy of this authorization is enclosed.

Respectfully submitted,

Date: September 16, 2005

By:


Jeffrey R. Kurin
Reg. No. 41,132

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Customer No. 23910

FORM PTO-1449 <i>(Substitute)</i>		US DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		Attorney Docket Number PANAP-01046USF	Serial No. 10/620,661
INFORMATION DISCLOSURE CITATION BY APPLICANT <i>(Use several sheets if necessary)</i>				Applicant Richard M. Ehrlich	
		Filing Date July 16, 2003	Group Art Unit 2651		

U.S. PATENTS							
Examiner Initial		Patent Number	Issue Date	Name	Class	Subclass	Filing Date
1.		5,444,583	8/22/1995	Ehrlich et al.			
2.		5,586,306	12/17/1996	Romano et al.			
3.		6,172,836	1/9/2001	Bang			
4.		6,285,521	9/4/2001	Hussein			
5.		6,798,594	9/28/2004	Belser			
6.		6,816,013	11/9/2004	Kao			

U.S. PATENT PUBLICATIONS

Examiner Initial		Patent Application Publication Number	Publication Date	Applicant

PENDING U.S. PATENT APPLICATIONS

Examiner Initial		Application Number	Filing Date	First Named Inventor	Petition to Expunge? Yes No

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document Number	Publication Date	Country	Class	Subclass	Trans-lation Yes No

OTHER DOCUMENTS (Include author (if any), title, publisher and place of publication, date and pertinent pages)

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if references considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

*1 = Copy not submitted because it was submitted in prior application SN / , filed , 20 , relied on under 35 USC §120.

*2 = Copy not submitted because it was submitted in prior application SN / , filed , 20 , relied on under 35 USC §120.

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Effective on 12/08/2004.

Becoming pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

FEE TRANSMITTAL

For FY 2005

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 180.00)

Complete if Known

Application Number	10/620,661
Filing Date	July 16, 2003
First Named Inventor	Richard M. Ehrlich
Examiner Name	Alan Faber
Art Unit	2651
Attorney Docket No.	PANA-01046USF

METHOD OF PAYMENT (check all that apply)

Check Credit Card Money Order None Other (please identify): _____

Deposit Account Deposit Account Number: 06-1325 Deposit Account Name: 23910 - Fliesler Meyer LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

Charge fee(s) indicated below Charge fee(s) indicated below, except for the filing fee

Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 Credit any overpayments

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

FEE CALCULATION

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

2. EXCESS CLAIM FEES

Fee Description

Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent

50 25

Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent

200 100

Multiple dependent claims

360 180

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	Multiple Dependent Claims	Small Entity Fee (\$)	Fee (\$)
- 20 or HP =	x	=				

HP = highest number of total claims paid for, if greater than 20

Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	Fee (\$)	Fee Paid (\$)
- 3 or HP =	x	=			

HP = highest number of independent claims paid for, if greater than 3

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
- 100 =	/ 50 =	(round up to a whole number) x	=	

Fees Paid (\$)

4. OTHER FEE(S)	Non-English Specification, \$130 fee (no small entity discount)	Other: Information Disclosure Statement	180.00

SUBMITTED BY

Signature		Registration No. (Attorney/Agent) 41.132	Telephone 415 362-3800
Name (Print/Type)	Jeffrey R. Kurin		Date 9/16/05

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Attorney Docket No.: PANAP-01046USF